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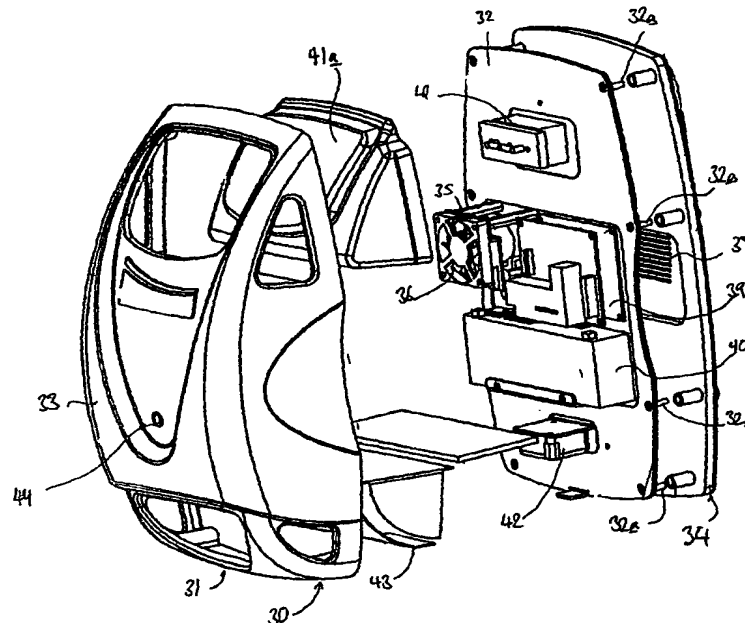
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INTRUSION DETECTOR



(57) Abstract: An intrusion detector for the vehicle, the detector being attachable to the vehicle, wherein the intrusion detector comprises a carbon dioxide detector responsive to the presence of carbon dioxide in a compartment of the vehicle, and wherein the intrusion detector is operable to generate an alarm if the proportion of carbon dioxide in the volume exceeds a selected level.

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60R27/00 G08B21/22 G08B21/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60R G08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 100 20 508 A (CHERRY CORP) 2 November 2000 (2000-11-02) abstract; claims 1-6	1-15
X	FR 2 806 509 A (VALEO ELECTRONIQUE) 21 September 2001 (2001-09-21) page 2, line 3 - line 35; figure 1	1-15



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10020508	A	02-11-2000	DE 10020508 A1	02-11-2000
			JP 2001229476 A	24-08-2001
FR 2806509	A	21-09-2001	FR 2806509 A1	21-09-2001